

## MSG 145 - BLUE FD11 MISSION SUMMARY

*FREESTAR continues to thrive. As a small token of thanks for your great work we've put together a little poem for your enjoyment.*

FREESTAR, oh FREESTAR, which way do you look?  
Backward and forwards, but never from the book.  
We try to be good, keep reminding ourselves,  
But it's just so hard to find those elusive elves.  
SHOD is concerned, Ku's out of whack.  
For causing a ripple, we've got such a knack!

Sprites and dust, they can be anywhere.  
Point North, point South, point here, point there.  
Wherever they are, they're one of a kind  
Those tempestuous Sprites, so difficult to find.  
Another change? Let's ask, what the heck.  
Just glad I'm here so POINTING can't reach my neck.

SOLSE looks to the limb, then to Earth for a change,  
Much ozone to find and science to arrange.  
LPT's easy, right on the ball  
Point anywhere, they can do it all  
Except when MSTRS is chugging away  
Then LPT with their receiver must play.

Now point to the sun to warm you all up  
And get you a tan while you rest and you sup.  
SOLCON is happy, functioning great  
Lots of hot data on their Belgian plate.  
But now we're too warm, we must look North  
Before CVX and their Xenon can march forth.

Off to PNTG, Hitchhiker Ops must now go  
Response is speedy, never slow.  
"But that maneuver's in half a minute!"  
"I know, I know, but can't you still spin it?"  
FAO is annoyed, PNTG is torqued,  
FLIGHT directs "Let's make it work!"

Don't ask ISS folks, from their high station pew,  
But isn't this what Shuttle is meant to do?  
They'll tell you maneuvers are just meant to fly  
To the glorious station in the Earth's evening sky.  
But we know the truth, the ultimate goal  
For science and fun, you must yaw, pitch and roll!

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From the Spacehab team:

OSTEO has completed their operations for STS-107. Thanks to the crew for all of your efforts. We are looking forward to some great science thanks to your hard work.

The BDS-05 team would like to thank Mike for all of his extra efforts working with our payload. His help during Blue Shift was not planned, but allowed us to preserve our science.

CM-2 continues to operate well. On test point 06A, we burned 4 times and obtained much more data than originally planned. The free drift is providing excellent microgravity.

The MGM ground crew wants to express its gratitude to the crew. Their extra hands-on efforts and use of crew choice video downlink to transmit data to the MGM ground crew illustrates what a dedicated and talented crew we have. Listening to Mike and KC's observations and suggestions has really helped improve our results. We are so happy with how the crew is running the experiments and the behavior of Test Cell D that we brought that test cell (our favorite) back out on Red Shift and performed more experiments with it.

### TOP FIVE REASONS TO PERFORM MGM OPS

5. Get to crush things.
4. Rick's condo in Tahiti is looking shaky.
3. Avoiding MGM's other science objective: Human Liquification.
2. Getting to do the 0-g Boog-a-loo.
- And the number one reason to perform MGM ops...
1. Getting to spank uncooperative hardware.